

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Patent Application Transmittal Letter

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): ☒ Utility ☐ Design  
☒ original patent application,  
☐ continuation-in-part application

INVENTOR(S): Manraj Singh Johl, Joseph Harold Steinmetz and Matthew Paul Wakely

TITLE: METHOD AND SYSTEM FOR INCREASING PERFORMANCE BY SUBSTITUTING  
FINITE STATE MACHINE CONTROL WITH HARDWARE-IMPLEMENTED DATA  
STRUCTURE MANIPULATION

Enclosed are:

☒ The Declaration and Power of Attorney. ☒ signed ☐ unsigned or partially signed  
☐ 16 sheets of drawings (one set) ☐ Associate Power of Attorney  
☐ Form PTO-1449 ☐ Information Disclosure Statement and Form PTO-1449  
☐ Priority document(s) ☒ (Other) Assignment (fee \$ 40)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	— 20	0	X \$18	\$ 0
INDEPENDENT CLAIMS	— 3	0	X \$78	\$ 0
ANY MULTIPLE DEPENDENT CLAIMS			\$260	\$
BASIC FEE: Design \$310.00 ); Utility \$760.00 )				\$ 690
TOTAL FILING FEE				\$ 690
OTHER FEES				\$ 40
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 730

Charge \$ 730 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EL442347525US

Date of Deposit January 31, 2000

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

By Joanne Bourguignon  
Typed Name: Joanne Bourguignon

Respectfully submitted,

By Robert W. Bergstrom  
Robert W. Bergstrom

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Date: January 31, 2000

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